

# STAR Program

## Improving Smog Check Through Performance-Based Incentives

Bureau Advisory Group Meeting  
June 23, 2011





# AB 2289 Summary Related to Station Performance



- Requires performance standards for any station certifying directed or gross-polluting vehicles
  - Must be inspection-based (no repair criteria)
  - Test-and-Repair, Test-Only standards must be the same
  - Feedback reporting mechanism from BAR to stations and technicians
  - New STAR Program begins January 2013
  - Draft regulations available on BAR Website

# Summary of STAR Criteria

- Enforcement history
- Comparative Failure Rate (CFR)
  - Must be at or above 75% of statewide average
- Test Deviations
  - Allowed to exceed deviation rate for one of the seven categories per quarter
- Transmission Gear Selection (ASM only)
  - Allowed up to 2% with questionable RPM
- Follow-up Pass Rate (FPR)
  - FPR scores for stations and technicians

# STAR Performance Criteria – Test Deviations

- Test deviations measure departures from required inspection procedures as appropriate to the vehicle
- Seven inspection categories evaluated quarterly
  - Failing to inspect **ignition timing**
  - Failing to perform the **fuel cap** test
  - Failing to perform the **LPFET** test
  - Failing to perform the **OBDII** test
  - Passing **OBDII** systems with maximum number of unset readiness **monitors** allowed
  - **Restarting** tests to provide second chance
  - **Aborting** tests to provide second chance
- Allowed to deviate in one category per each quarter

# STAR Performance Criteria – Enforcement History

- No citations – past year
- No administrative actions – past 3 years
- Not convicted of a crime – past 3 years
- Not liable in a civil suit – past 3 years
- Not had STAR certification invalidated within prior 6 months

# Not All Citations Affect STAR Eligibility

- Only citations based upon violations of the following sections will affect STAR certification:
  - Health and Safety Code:
    - 44012, 44015, 44015.5, 44016, 44060
  - Regulations
    - 3340.17, 3340.30(a), 3340.35, 3340.42.2, 3340.45

# STAR Performance Criteria – FPR

- FPR scores reflect probability that vehicles certified by each station or technician pass at a higher rate than average in their next inspection cycle
  - Scores Range from 0 to 1
  - 0 score means we are 100% confident that performance is below average
  - 1 score means we are 100% confident that performance is above average

Station (X) FPR Score	Technician (Y) FPR Score	Station eligible to apply for STAR certification?	STAR certified station eligible to hire that technician to perform Smog Check tests and/or repairs?	STAR certified station may continue employing that technician to perform Smog Check tests and/or repairs?
$X \geq 0.4$	$Y \geq 0.4$	Yes	Yes	Yes
	$0.1 \leq Y < 0.4$	No	No	Yes
	$Y < 0.1$	No	No	No
	No Score	Yes	Yes	Yes
$0.1 \leq X < 0.4$	$Y \geq 0.4$	Yes	Yes	Yes
	$0.1 \leq Y < 0.4$	No	No	Yes
	$Y < 0.1$	No	No	No
	No Score	No	No	Yes
$X < 0.1$	$Y \geq 0.4$	Yes	Yes	Yes
	$0.1 \leq Y < 0.4$	No	No	Yes
	$Y < 0.1$	No	No	No
	No Score	No	No	No
No Score	$Y \geq 0.4$	Yes	Yes	Yes
	$0.1 \leq Y < 0.4$	No	No	Yes
	$Y < 0.1$	No	No	No
	No Score	Yes	Yes	Yes



# STAR Performance Criteria - Decertification

- Station STAR certification removed after failing to meet short-term criteria for two consecutive calendar quarters
- Low FPR scores are grounds for decertification whenever they occur
- May re-apply after six months of losing STAR certification

# STAR Program Dates

- Performance Web Page
  - Demonstration page active 2/1/2011
  - Prototype page with actual data published upon adoption of regulations - Fall 2011
- Gold Shield Program ends 12/31/2012
- STAR Program begins 1/1/2013
  - Stations may apply beginning 7/1/2012

# Demo of STAR Web Page

- <http://www.smogcheck.ca.gov/>